Antimicrobial Options for Medical Devices

Clariant’s MEVOPUR® masterbatches now incorporate the newly introduced MedX silver product series from SANITIZED AG, extending the antimicrobial options for the medical device market. Supported by data on both the antimicrobial and polymers incorporating MEVOPUR antimicrobial masterbatch range, Clariant’s extended line supports streamlined development of medical devices needing the functional benefits of antimicrobials.
Clariant has laid the groundwork for our customers by developing data packages that can support regulatory notifications and filings, as well as reduce the time and costs associated with the product development stage. Our technical expertise can help find the right MEVOPUR package for your needs.

Clariant’s MEVOPUR masterbatches offer manufacturers the latest anti-microbial agents incorporated into the selected polymer carrier according to the final customer’s application requirements under Clariant’s ISO13485 quality system; in line with Clariant’s Controlled, Consistent, Compliant approach for the medical and pharmaceutical sectors.

Incorporating the antimicrobial protection directly in the polymer removes the need for device manufacturers to undertake a secondary antimicrobial coating operation on their medical device, with the associated cost and validation processes that are required. In addition it reduces the risk associated with delamination of the coating. The in-built antimicrobial function can be combined with other functionality. For example, in catheter designs Clariant proposes that the antimicrobial functionality can be incorporated into a multi-layer structure including an identifying color, radiopacity and friction reduction.

Main application areas for the MEVOPUR antimicrobial masterbatches are catheters, endoscopes and surgical instruments, and preservative-free pharmaceutical

packaging solutions. Clariant can combine pigments into the masterbatch or maintain transparency levels depending on the application.

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www.clariant.com [1]

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[1] http://www.clariant.com/